

Lethbridge Experimental Station WEEKLY LETTER

THE FIRST

FALLOW OPERATION

Summer-fallowing time is here again and with it comes the ever serious hazard of soil drifting. Of all the soil drift control measures, trash cover is the most effective. The first stroke on the summer-fallow can be the deciding factor as to whether or not there will be sufficient trash to provide year-round protection.

The blade type cultivator or the one way disc are used extensively for the first stroke on the Dominion Experimental Station and on sub-stations throughout Southern Alberta. The depth of the operation is determined by what implement will be used for the second stroke. If it is planned to use a rod weeder the first operation should be about four inches deep so that the rod weeder will work properly.

When it is planned to follow the blade with a one-way or blade, the depth should be no deeper than required to do good work. This is also true when the one-way precedes the blade or one-way. The second stroke following the blade or one-way should be slightly deeper than the first stroke. Only in exceptional circumstances has the one-way disc been used for more than two operations.

Speed of operation is important in trash cover following. The blade cultivator does its best weed killing at high speeds and it is one of the few implements that does not bury too much trash at high speeds. Using a one-way disc or the duck foot cultivator at speeds over 3 1/2 miles, usually results in much of the trash being buried, with the result that there is much less protection against wind erosion.

Long time records show that there is less wind during June and July than there is in the fall or early spring. In order to have sufficient protection throughout the year, it is

essential to maintain a good trash cover that will carry through the fall and spring into the fall and the spring.

VARIETIES OF WHEAT BEING SOWN

A survey made by the Alberta Wheat Pool to find out what varieties of wheat are being sown by the Alberta farmers this year shows that Red Bobs still heads the list with a provincial average of 32.3 %. That figure however, is a decline of 4% from last year. Thatcher wheat is increasing in popularity having risen to 27.9 this year from 24.4 % last year. Marquis wheat is 3rd at 22.3. This variety is grown mostly in southern Alberta, very little being seeded north of Red Deer.

Garnet wheat is regaining some popularity having risen from 6.1% in the province last year to 7.4% this year. In the area west of the Calgary-Edmonton line, running from Bowden on the south and Sangudo on the north, 75% of the wheat sown is Garnet.

The following table shows the provincial percentage of the different varieties of wheat sown this year and last year.

	1948	1947
% Seeded	% Seeded	% Seeded
Marquis	22.3	24.1
Red Bobs	32.3	36.3
Thatcher	27.9	24.4
Reward	1.0	1.1
Canus	2.7	2.8
Garnet	7.4	6.1
Winter Wheat	2.9	2.7
White Spring	1.1	1.7
Other varieties	2.4	1.8

SOFT WATER BETTER FOR RADIATORS

Soft water or rain water is better for tractor radiators than hard water for the time from hard water deposits as a scale on the inside of the radiator tubes causing poor circulation which prevents the water from cooling. This scale will also coat the inside of the block and prevent the transfer of heat from the cylinder to the cooling water resulting in overheating. If it is necessary to use

hard water the radiator should be flushed frequently with a good solvent.

My Week

by R. J. Deachman

Last week I mentioned that there were fewer birds. I apologize to the birds. We had two or three cold days, they stopped singing—I missed them. This morning they awakened me at half past four. They were in full song and I thought of what I had said before and was sorry for it. I feel now that they are more numerous than ever. I was happy and went to sleep again with the song of the birds sounding in my ears.

Some time ago I pointed out the very obvious fact that if we produced less we would get less. If we have been working 44 hours a week and decide to have a 40 hour week production will decline. We shall have four hours more of idleness. If the people want to work 40 hours instead of 44 and are content to take less all will be well but if some of us work 40 hours instead of the 44 and take the difference out of our neighbors it won't be cricket, will it?

A few days ago I received a letter from a man in Hamilton, Ontario. "I want to thank you for your articles," he wrote. "They are interesting and informative. I'm pretty busy and do not have time to read them as carefully as I might but I get the gist of them just the same. I'm enclosing two articles on the subject which you dealt with lately, the issue of more production."

One is from "The Hamilton Review," and the other is from "Machinery," an English magazine. The former publication makes this statement: "Good management gets results with the co-operation of other people. Strikes and work-stoppages, lock-outs and walkouts, do not keep production flowing steadily, do not get the most economic product and do not tend to keep men and machines working to produce the best operating results."

The English magazine, after commenting on American aid to Europe gives this statement from the Chancellor of the Exchequer:

"Time is the essence of the problem, we cannot afford to waste a moment of it."

"This is perfectly true," so states this British Editor, "but he might well have added that unless we produce goods in greater volume and with greater efficiency none of these expedients will serve to solve our problems."

So now, as never before in world history people are conscious of the fact that a higher standard of living can come only from an increased volume of production. It's true here as elsewhere.

Last week's issue of "Saturday Night" contained a sketch of T. C. Douglas, Premier of Saskatchewan. It was an interesting story, written by Wallace Hunt. It dealt mainly with the "quibs" of Mr. Douglas, a brilliant man who has made a collection of smart answers to interruptions which may come to a speaker upon a public platform. I doubt if there is any man in Canada who has as large a supply of off-the-particular form of repartee.

Let me give you an example. Some one quizzed him the other day about the high cost of government in Saskatchewan, expenses had moved up from \$17 million in 1936 to \$52 million, the estimate for 1949. Mr. Doug-

las promptly replied: "It takes more money to run a boat that is going some place than one that is tied to the dock."

The reply gives no answer to the question. The object of the reply is to draw attention away from the immediate subject under discussion and to embarrass the questioner by avoidance of a direct answer.

Is it effective? Is it the sort of answer you would like to receive if you asked a question? Does it offend friends and influence people or what is its particular value?

The people of Saskatchewan now pay \$3.00 in taxes for every dollar paid in 1936. There are times when some of us seem anxious to see money spent even if it is wasted but it happens, in the nature of things—there comes a time when people wish they had the money they spent in the days of the boom.

Many strange items cross my desk. People write who have questions to ask, stories to tell and—rarely fault to find. This one came from a well known civil servant, an Irishman who has a happy grin for everybody friend and foe—if he has a foe. I got a laugh out of it.

"The difference between a slow-down, a recession and a depression A SLOWDOWN is when you have to tighten your belt; A RECESSION is when you have no belt to tighten; A DEPRESSION is when you don't have any pants to hold up."



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INCOME TAX CONDEMNED

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"Heavy income tax was a magnificent device for raising money during war-time; but to attempt to retain anything resembling those rates in times of peace when people lack the compelling influence to pay such high taxes is to court disaster," said Prof. J. C. McDougall of Queens University while speaking to the people at a most powerful incentive annual meeting of the Canadian not to work...."

Manufacturers Association. He further stated: "there is every appearance that if the government makes a determined effort to enforce the present income tax on farmers it will have a full scale revolt on its hands, and end by encouraging a drastic rearrangement of farm operations to reduce the burden."

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SCHEDULE				SCHEDULE			
LETHBRIDGE—		RAYMOND—		MAG RATH—		CARDSTON—	
WESTBOUND		READ DOWN		DAILY		EASTBOUND	
DAILY		DAILY		DAILY		DAILY	
12:05 pm	9:15 pm	LV	LETHBRIDGE	AR	4:30 pm	10:20 am	
12:36 pm	9:46 pm		WELLING		3:59 pm	9:46 am	
12:47 pm	9:57 pm		RAYMOND		3:48 pm	9:34 am	
1:09 pm	10:19 pm		MAGRATH		3:26 pm	9:10 am	
1:34 pm	10:44 pm		SPRING COULEE		3:01 pm	8:43 am	
2:05 pm	11:15 pm	AR	CARDSTON	LV	2:30 pm	8:10 am	
2:15 pm		LV	CARDSTON	AR		8:00 am	
3:15 pm		AR	WATERTON LAKES	LV		7:00 am	

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GREYHOUND